

SETTING THE SCENE:



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VISION EUROPE 2030

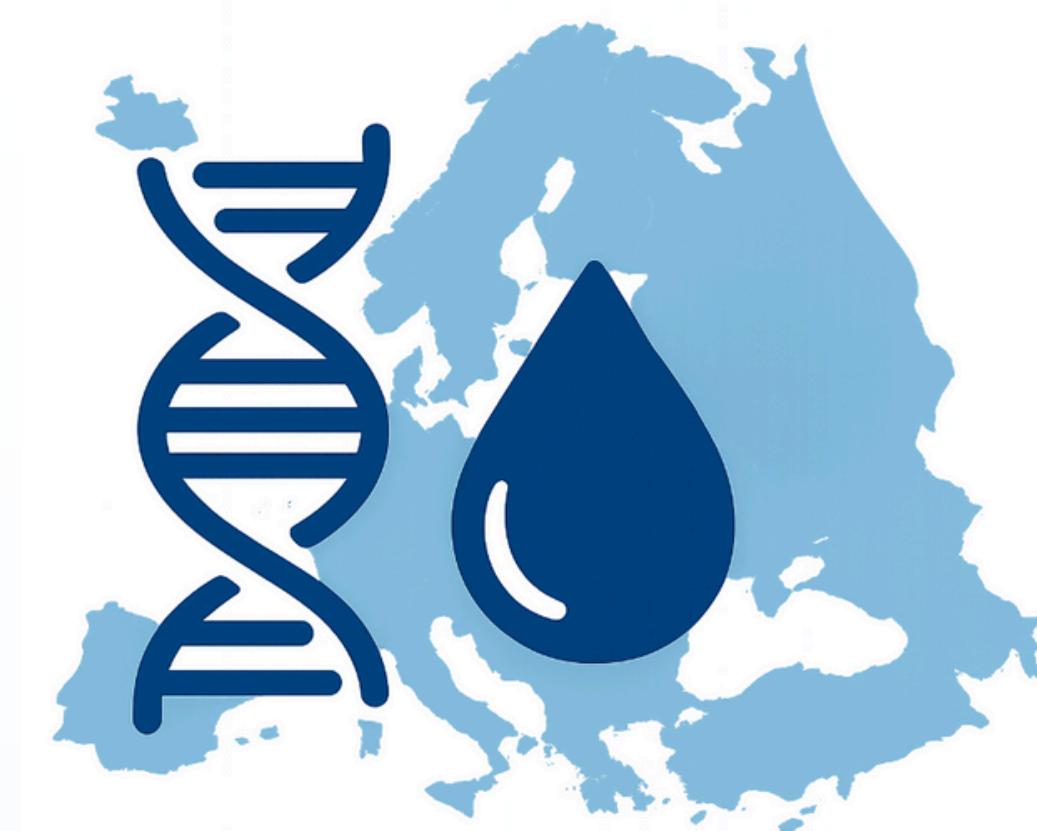
DISRUPTIVE TECHNOLOGIES, DEMOCRATIZED TRIALS & NEXT-GEN TREATMENT PARADIGMS



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Prof. Catherine Alix-Panabières
University Medical Center of Montpellier



Democratizing Trials: Blueprint for inclusive innovation *(Liquid Biopsy)*



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Why This Session Matters ?

- Clinical trials = engine of innovation → but not inclusive enough
- Result: validated in 'ideal' patients → not scalable to real-world care.

The data obtained better reflect real-world clinical practice, and the recommendations will be more relevant for all patients with cancer, not just for an 'ideal' minority.



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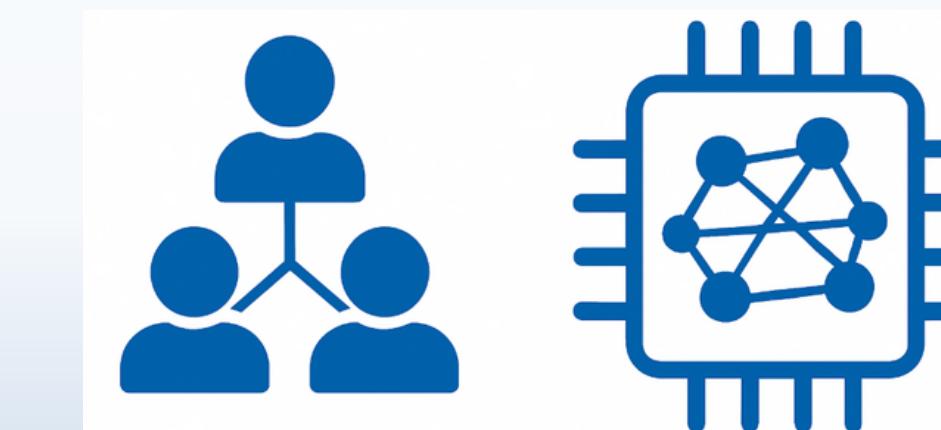
In This Session...

Rethink clinical research models in Europe.

- Make them inclusive, equitable, real-world aligned.
- AI-powered recruitment, decentralized trials, cross-border collaboration.
- Goal: faster and fairer innovation.



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Liquid Biopsy as a Game-Changer

Non-invasive, repeatable, scalable → broader participation.

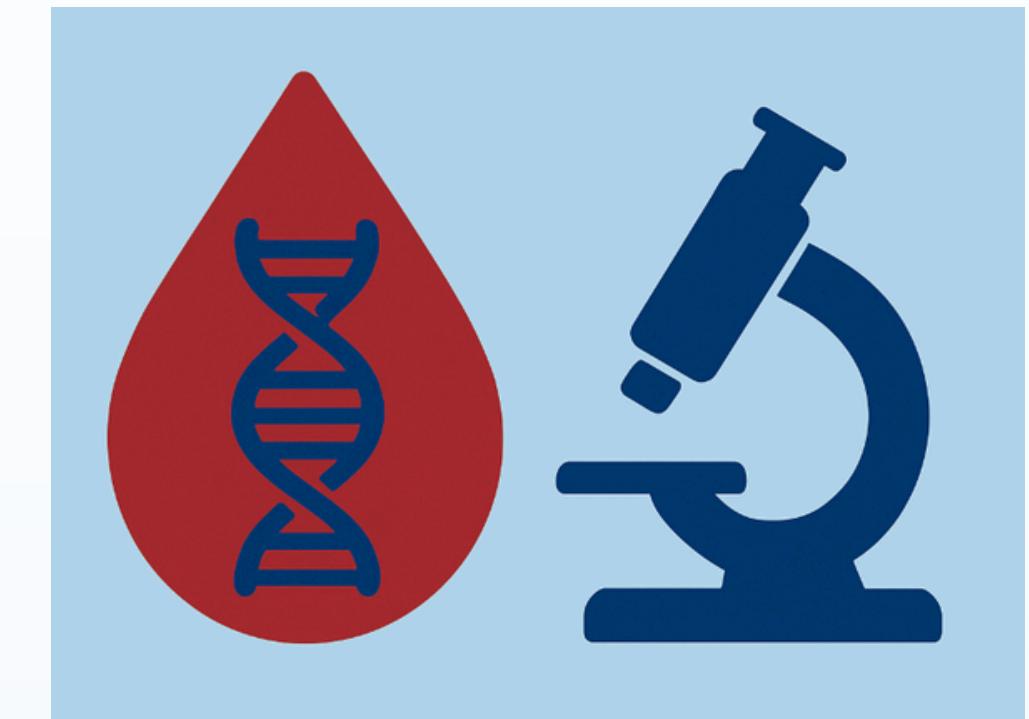
- Detects CTCs, ctDNA, Evs and more

- Unique potential:

Early detection

Minimal residual disease monitoring

Real-time treatment adaptation



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From Innovation to Implementation

- Challenge: Many pilot LB studies, but fragmented integration in Europe.
- What's missing:
 - Inclusive trial design
 - Real-world evidence generation
 - Health system readiness (reimbursement, logistics, training)
- Europe risks lagging without coordinated action.



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Vision for 2030

- Democratize trial access: hybrid models, community sites, remote sampling.
- Use real-world data to validate clinical utility.
- Ensure ctDNA, CTCs, EVs are accessible & equitable.
- Make precision oncology the standard of care in Europe.

**→ Ensuring that innovations
reach all patients.**



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Call to Action

”If innovation is not inclusive, it is not precision medicine.”

- Let's design trials & health systems where every patient benefits from *LB*.
- This session: moving from innovation → implementation → equity.



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Europe 2026-2030: Next Steps

Key EU Issues:

- Harmonize LB validation & trial endpoints.
- Regulatory alignment (EMA/FDA).
- Build EU-wide decentralized trial networks.
- Integrate LB into cancer registries.
- Equity: expand beyond top centers → community sites.



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Europe 2026–2030: Next Steps

Concrete EU Actions:

EU Liquid Biopsy Platform (biobank + trial hub)

Common reimbursement frameworks

Training programs for clinicians/labs

Embed equity criteria in Horizon Europe & Cancer Mission calls

Public–private partnerships with biotech/AI

👉 The next 4 years will decide whether Europe leads or lags in LB democratization.



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A CALL TO ACTION

Join the movement!



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